

APPLICANT FACSIMILE OF FORM 1449 REV. 1-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. <b>RPI-004C3CN</b>	SERIAL NO. <b>09/425,516</b>
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT <b>Freeman, Gordon J. et al.</b>	
FILING DATE <b>October 22, 1999</b>		GROUP <b>1644</b>	



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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A1	5116964	05/92	Capon et al.	536	23.5	
A2	5434131	07/95	Linsley et al.	514	2	

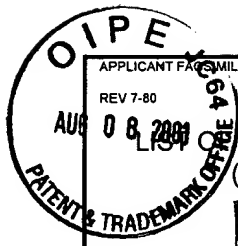
## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
A3	WO 93/00431	01/93	PCT		
A4	WO 94/12520	06/94	PCT		
A5	WO 95/03408	02/95	PCT		
A6	WO 95/05464	02/95	PCT		
A7	WO 95/06738	03/95	PCT		

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A8	Azuma, M. et al., "B70 antigen is a second ligand for CTLA-4 and CD28," <i>Nature</i> 366:76-79 (1993)
A9	Azuma, M. et al., "Involvement of CD28 in MHC-unrestricted cytotoxicity mediated by a human natural killer leukemia cell line," <i>J. Immunol.</i> 149(4):1115-1123 (1992)
A10	Baskar, S. et al. (1993) "Constitutive Expression of B7 Restores Immunogenicity of Tumor Cells Expressing Truncated Major Histocompatibility Complex Class II Molecules" <i>Proc. Natl. Acad. Sci. USA</i> 90:5687-5690
A11	Bateman, W.J. et al. (1991) "Inducibility of Class II Major Histocompatibility Complex Antigens by Interferon $\gamma$ Is Associated with Reduced Tumorigenicity in C3H Mouse Fibroblasts Transformed by v-Ki-ras" <i>J. Exp. Med.</i> 173:193-196
A12	Blazar, B.R., "In vivo blockade of CD28/CTLA4: B7/BB1 interaction with CTLA4-Ig reduces lethal murine graft-versus-host disease across the major histocompatibility complex barrier in mice," <i>Blood</i> 83(12):3815-3825 (1994)
A13	Boussiotis, V.A. et al. (1993) "Activated Human B Lymphocytes Express Three CTLA-4 Counterreceptors that Costimulate T-Cell Activation" <i>Proc Natl. Acad. Sci. USA</i> 90: 11059-11063
A14	Chen, L. et al. (1992) "Costimulation of Antitumor Immunity by the B7 Counterreceptor For the T Lymphocyte Molecules CD28 and CTLA-4" <i>Cell</i> 71:1093-1102
A15	Classon et al., "The hinge region of the CD8 alpha chain: structure, antigenicity, and utility in expression of immunoglobulin superfamily domains," <i>Int. Immunol.</i> 4(2):215-225 (1992)
A16	Clements, V.K. et al. (1992) "Invariant Chain Alters The Malignant Phenotype of MHC Class II <sup>+</sup> Tumor Cells" <i>J. of Immunology</i> 149:2391-2396
A17	Cole, G.A. et al. (1991) "Rejection of Allogeneic Tumor Is Not Determined by Host Responses to MHC Class I Molecules and is Mediated By CD4 <sup>+</sup> CD8 <sup>+</sup> T Lymphocytes That Are Not Lytic for the Tumor" <i>Cellular Immunology</i> 134:480-490

Examiner <b>Philip Gangel</b>	Date Considered <b>10/15/01</b>
*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	



APPLICANT FAMILIAR OF FORM PTO-1449 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO <b>RPI-004C3CN</b>	SERIAL NO. <b>09/425,516</b>
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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

<i>mu</i>	B1	Fearon, E.R. et al. (1990) "Interleukin-2 Production By Tumor Cells Bypasses T Helper Function in the Generation of An Antitumor Response" <i>Cell</i> 60:397-403
	B2	Freedman, A. S. et al. (1987) "B7, A B Cell-Restricted Antigen That Identifies Preactivated B Cells" <i>Journal of Immunology</i> 139(10): 3260-3267
	B3	Freeman et al., "Structure, Expression, and T Cell Costimulatory Activity of the Murine Homologue of the Human B Lymphocyte Activation Antigen B7" <i>Journal Experimental Medicine</i> , vol. 174, pp. 625-631, (1991)
	B4	Freeman, G. J. et al. (1989) "B7, A New Member of the Ig Superfamily with Unique Expression on Activated and Neoplastic B Cells" <i>Journal of Immunology</i> 143(8): 2714-2722
	B5	Freeman, G., et al., "Cloning of B7-2; A CTLA-4 Counter-Receptor that Costimulates Human T Cell Proliferation," <i>Science</i> , vol. 262, 909-911 (1993)
	B6	Galvin, F. et al. (1992) "Murine B7 Antigen Provides A Sufficient Costimulatory Signal For Antigen-Specific and MHC-Restricted T Cell Activation" <i>J. Immunology</i> 149:3802-3808
	B7	Gimmi et al., "B-cell surface antigen B7 provides a costimulatory signal that induces T cells to proliferate and secrete interleukin 2" <i>Proceedings of the National Academy of Sciences</i> , vol. 88, pp. 6575-6579, (1991)
	B8	Gimmi, C., et al., "Human T-cell Clonal Anergy is Induced by Antigen Presentation in the Absence of B7 Costimulation," <i>Proc. Natl. Acad. Sci. USA</i> , vol. 90, 6586-6590 (1993)
	B9	Guo, Y. et al. (1995) "Mutational Analysis and an Alternatively Spliced Product of B7 Defines Its CD28/CTLA4-binding Site on Immunoglobulin C-like Domain" <i>J. Exp. Med.</i> , 181:1345-1355
	B10	Harding, F. and Allison, J., "CD28-B7 Interactions Allow the Induction of CD8.sup.+ Cytotoxic T Lymphocytes in the Absence of Exogeneous Help," <i>J. Exp. Med.</i> , vol. 177, 1791-1796 (1993)
	B11	Harding, F., et al., "CD28-mediated Signalling Co-stimulates Murine T Cells and Prevents Induction of Anergy in T-cell Clones," <i>Nature</i> , vol. 356, 607-609 (1992)
	B12	Hollenbaugh and A. Aruffo (1992) "Construction of Immunoglobulin Fusion Proteins" <i>Immunology Suppl.</i> 4, Unit 10.19: 1-11
	B13	Inobe, M. et al. (1994) "Identification of an Alternatively Spliced Form of the Murine Homologue of B7", <i>Biochemical and Biophysical Research Communication</i> 200(1):443-449
	B14	James, R.F.L. "The effect of class II gene transfection on the tumourigenicity of the H-2K-negative mouse leukaemia cell line K36.16," <i>Immunology</i> . 1991 Feb;72(2):213-8
<i>mu</i>	B15	June, C.H. et al., "The B7 and CD28 receptor families," <i>Immunol. Today</i> , 1994 Jul;15(7):321-31

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## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

C1	Lanier, L.L. et al., "CD80 (B7) and CD86 (B70) provide similar costimulatory signals for T cell proliferation, cytokine production, and generation of CTL," <i>J. Immunol.</i> 1995 Jan 1;154(1):97-105
C2	Lenschow, D.J. et al., "Expression and functional significance of an additional ligand for CTLA-4," <i>Proc. Natl. Acad. Sci. U. S. A.</i> 1993 Dec 1;90(23):11054-8
C3	Lenschow, D.J. et al., "Long-term survival of xenogeneic pancreatic islet grafts induced by CTLA4Ig," <i>Science</i> , 1992 Aug 7;257(5071):789-92
C4	Linsley, P.S. et al., "Immunosuppression in vivo by a soluble form of the CTLA-4 T cell activation molecule," <i>Science</i> , 1992 Aug 7;257(5071):792-5
C5	Linsley, P.S. et al., "Binding of the B cell activation antigen B7 to CD28 costimulates T cell proliferation and interleukin 2 mRNA accumulation," <i>J. Exp. Med.</i> , 1991 Mar 1;173(3):721-30
C6	Lin, H. et al., "Long-term acceptance of major histocompatibility complex mismatched cardiac allografts induced by CTLA4Ig plus donor-specific transfusion," <i>J. Exp. Med.</i> , 1993 Nov 1;178(5):1801-6
C7	Nabavi, N. et al., "Signalling through the MHC class II cytoplasmic domain is required for antigen presentation and induces B7 expression," <i>Nature</i> 1992 Nov 19;360(6401):266-8
C8	Ostrand-Rosenberg, S. et al., "Costimulation through murine B7 molecule restores immunogenicity of autologous tumor cells expressing truncated MHC class II molecules," <i>J. Cell Biochem. Suppl. (Abstract HZ 228)</i> (1993) p. 71
C9	Ostrand-Rosenberg, S. et al., "Abrogation of tumorigenicity by MHC class II antigen expression requires the cytoplasmic domain of the class II molecule," <i>J. Immunol.</i> , 1991 Oct 1;147(7):2419-22
C10	Ostrand-Rosenberg, S. et al., "Rejection of mouse sarcoma cells after transfection of MHC class II genes," <i>J. Immunol.</i> , 1990 May 15;144(10):4068-71
C11	Reiser, H. et al., "Murine B7 antigen provides an efficient costimulatory signal for activation of murine T lymphocytes via the T-cell receptor/CD3 complex," <i>Proc. Natl. Acad. Sci. U. S. A.</i> , 1992 Jan 1;89(1):271-5
C12	Schultz, K. et al., "The role of B cells for in vivo T cell responses to a Friend virus-induced leukemia," <i>Science</i> , 1990 Aug 24;249(4971):921-3
C13	Schwartz, "A cell culture model for T lymphocyte clonal anergy," <i>Science</i> 1990 Jun 15;248(4961):1349-56
C14	Southern, S.O. et al., "Induction of the H-2 D antigen during B cell activation," <i>J. Immunol.</i> 1989 Jan 1;142(1):336-42

Examiner

PHILLIP GARDNER

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13	D1	5,434,141	07/95	Schafer et al.	514	53	_____
	D2	5,747,034	05/98	De Boer et al.	424	137.1	_____
	D3	5,770,197	06/98	Linsley et al.	424	134.1	_____
	D4	5,869,050	02/99	De Boer et al.	424	156.1	_____
	D5	6,071,716	06/00	Freeman et al.	435	69.1	_____

## FOREIGN PATENT DOCUMENTS

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	D6	WO 92/00092	01/92	PCT			_____

## OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

	D7	Tan, P. et al., "Induction of alloantigen-specific hyporesponsiveness in human T lymphocytes by blocking interaction of CD28 with its natural ligand B7/BB1," <i>J. Exp. Med.</i> 1993 ;177(1):165-73
	D8	Townsend, S.E. et al. (1993) "Expression of the T cell costimulatory ligand B7 by a melanoma induces rejection mediated by direct activation of CD8+ T cells," <i>J Cell Biochem Supp.</i> 136 (abstr.)
	D9	Townsend, S. E. et al., "Emergency hospital admissions and readmissions of patients aged over 75 years and the effects of a community-based discharge scheme," <i>Health Trends</i> 1992;24(4):136-9
	D10	Townsend, S. E. et al., "Tumor rejection after direct costimulation of CD8+ T cells by B7-transfected melanoma cells," <i>Science</i> , 1993 Jan 15;259(5093):368-70
	D11	Travis, J. "A stimulating new approach to cancer treatment," <i>Science</i> 1993 Jan 15;259(5093):310-1
	D12	Van der Bruggen, P. et al., "A gene encoding an antigen recognized by cytolytic T lymphocytes on a human melanoma," <i>Science</i> 1991 Dec 13;254(5038):1643-7
	D13	Chen, C., et al., "Monoclonal Antibody 2D10 Recognizes a Novel T Cell Costimulatory Molecule on Activated Murine B Lymphocytes", <i>J. Immunol.</i> 152: 2105-2114 (1994);
	D14	P, Engel, et al., The B7-2 (B70) Costimulatory Molecule Expressed by Monocytes and Activated B. Lymphocytes Is the CD86 Differentiation Antigen, <i>Blood</i> , Vol. 84(5) 1994: pp 1402-1407
	D15	Freeman, G., et al., "Murine B7-2, an Alternative CTLA4 Counter-receptor that Costimulates T Cell Proliferation and Interleukin 2 Production", <i>J. Exp. Med.</i> 178: 2185-2192 (1993);
	D16	Freeman, G., et al., "Uncovering of Functional Alternative CTLA-4 Counter-Receptor in B7-Deficient Mice", <i>Science</i> 262: 907-909 (1993);
	D17	Hathcock, K., et al., "Identification of an Alternative CTLA-4 Ligand Costimulatory for T Cell Activation", <i>Science</i> 262: 905-907 (1993);
	D18	Nozawa et al., A Novel Monoclonal Antibody (FUN-1) Identifies An Activation Antigen In Cells of The B-Cell Lineage and Reed-Sternberg Cells, <i>Journal of Pathology</i> , Vol. 169:309-315 (1993)
14	D19	Powers, G., et al., "Expression and Functional Analysis of Murine B7 Delineated by a Novel Monoclonal Antibody", <i>Cell. Immunol.</i> 153: 298-311 (1994).

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